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Notice of Allowability

Application No.

09/663,892

Examiner

Thanhnga B. Truong

Applicant(s)

CHOJNACKI, ROBERT

Art Unit

2135

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.


1. ☒ This communication is responsive to 3/31/2005.
2. ☒ The allowed claim(s) is/are 16-39.
3. ☒ The drawings filed on 9/18/2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


KIM VU
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

DETAILED ACTION

Examiner's Amendment

1. During a telephone conference on April 18, 2005, Mr. Jon D. Shutter has authorized examiner to do Examiner's Amendment in regarding to claims 16 and 27.

i. Referring to claim 16:

Please replace claim 16 as follows:

A method of securely communicating a data product, while allowing the data product to be used in connection with at least one authorized computing platform entity, the at least one authorized computing platform entity having an associated identification code, the method comprising:

symmetrically encrypting at least a portion of the data product using a first cryptographic key, thereby producing an encrypted portion of the data product that can be symmetrically decrypted using the first cryptographic key;

establishing an authorization key including verification information;
computing a first value as a first function of input parameters including (i) the identification code and (ii) a second value;

combining the first value with the first cryptographic key to produce a third value;

adding the third value to the authorization key;

thereafter using the first value as a second cryptographic key to symmetrically encrypt the authorization key, so as to produce an encrypted authorization key that can be decrypted using the first value;

encrypting at least the second value to produce an encrypted value that can be decrypted using a third cryptographic key; and

providing to a receiving-end at least (i) the encrypted value, (ii) the encrypted authorization key, and (iii) the encrypted portion of the data product,

whereby, if the receiving end may be able to uncover the first authorization key and the cryptographic key and may therefore be able to access the verification information and decrypt the encrypted portion of the data product.

i. Referring to claim 27:

Please replace claim 27 as follows:

A method of securing a data product against unauthorized use, while allowing the data product to be used in connection with at least one authorized computing platform entity, the at least one authorized computing platform entity having an associated identification code, the method comprising:

symmetrically encrypting at least a portion of the data product using a first cryptographic key, thereby producing an encrypted portion of the data product that can be symmetrically decrypted using the first cryptographic key;

establishing an authorization key including verification information;

computing a first value as a first function of input parameters including (i) the identification code and (ii) a second value;

combining the first value with the first cryptographic key to produce a third value;

adding the third value to the authorization key;

thereafter using the first value as a second cryptographic key to symmetrically encrypt the authorization key, so as to produce an encrypted authorization key that can be decrypted using the first value; and

encrypting at least the second value to produce an encrypted value that can be decrypted using a third cryptographic key.

Response to Amendment

2. Claims 1-15 are canceled by the applicant.

Allowable Subject Matter

3. Claims 16-39 are allowed.

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thanhnga (Tanya) Truong whose telephone number is 571-272-3858.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Vu can be reached at 571-272-3859. The fax and phone

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numbers for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 571-272-2100.

TBT

April 22, 2005



KIM VU
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100